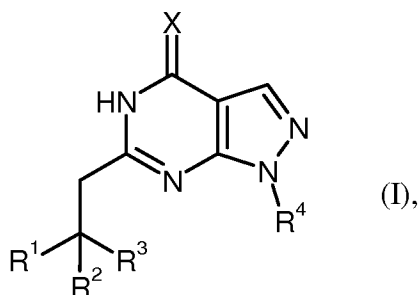


This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently amended) A compound of the formula



in which

$R^1$  is  $C_1$ - $C_6$ -alkyl, trifluoromethyl, hydroxy,  $C_1$ - $C_6$ -alkoxy,  $-C(=O)OR^5$  or  $-C(=O)NR^6R^7$ , where  ~~$C_1$ - $C_6$ -alkyl~~  $C_1$ - $C_6$ -alkyl is optionally substituted by 1 to 3 radicals independently of one another selected from the group of hydroxy,  $C_1$ - $C_6$ -alkoxy, halogen, trifluoromethyl, trifluoromethoxy,  $-C(=O)OR^5$  or  $-C(=O)NR^6R^7$ , and

$R^5$  is  $C_1$ - $C_6$ -alkyl,

$R^6$  and  $R^7$  are independently of one another hydrogen,  $C_6$ - $C_{10}$ -aryl,  $C_1$ - $C_6$ -alkyl, or  
together with the nitrogen atom to which they are bonded form a 4- to 10-membered heterocyclyl,

$R^2$  is hydrogen,  $C_1$ - $C_6$ -alkyl, trifluoromethyl,  $C_1$ - $C_6$ -alkoxy,

or

$R^1$  and  $R^2$  together with the carbon atom to which they are bonded form  $C_3$ - $C_8$ -cycloalkyl,  $C_3$ - $C_8$ -cycloalkenyl or 4- to 10-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, hydroxy, oxo,  $-C(=O)OR^8$ , and

$R^8$  is  $C_1$ - $C_6$ -alkyl or benzyl,

$R^3$  is hydrogen or  $C_1$ - $C_6$ -alkyl,

$R^4$  is pentan-3-yl or  $C_3$ - $C_6$ -cycloalkyl,

X is oxygen or sulfur,

and the salts, solvates and/or solvates of the salts thereof.

**2. (Currently amended)** A compound as claimed in claim 1, wherein

$R^1$  is  $C_1$ - $C_6$ -alkyl, hydroxy,  $C_1$ - $C_6$ -alkoxy,  $-C(=O)OR^5$  or  $-C(=O)NR^6R^7$ , where  $C_1$ - $C_6$ -alkyl is optionally substituted by hydroxy,  $C_1$ - $C_6$ -alkoxy,  $-C(=O)OR^5$  or  $-C(=O)NR^6R^7$ , and

$R^5$  is  $C_1$ - $C_6$ -alkyl,

$R^6$  and  $R^7$  are independently of one another hydrogen,  $C_6$ - $C_{10}$ -aryl,  $C_1$ - $C_6$ -alkyl, or together with the nitrogen atom to which they are bonded form a 4- to 10-membered heterocyclyl,

R<sup>2</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy,

or

R<sup>1</sup> and R<sup>2</sup> together with the carbon atom to which they are bonded form C<sub>3</sub>-C<sub>8</sub>-cycloalkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkenyl or 4- to 10-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, hydroxy, oxo, -C(=O)OR<sup>8</sup>, and

R<sup>8</sup> is C<sub>1</sub>-C<sub>6</sub>-alkyl or benzyl,

R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sup>4</sup> is pentan-3-yl or C<sub>4</sub>-C<sub>6</sub>-cycloalkyl,

X is oxygen or sulfur,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

**3. (Currently amended)** A compound as claimed in claim 1, where

R<sup>1</sup> is C<sub>1</sub>-C<sub>4</sub>-alkyl, hydroxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy, -C(=O)OR<sup>5</sup> or -C(=O)NR<sup>6</sup>R<sup>7</sup>, where C<sub>1</sub>-C<sub>4</sub>-alkyl is optionally substituted by hydroxy, trifluoromethyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, -C(=O)OR<sup>5</sup> or -C(=O)NR<sup>6</sup>R<sup>7</sup>, and

R<sup>5</sup> is C<sub>1</sub>-C<sub>4</sub>-alkyl,

R<sup>6</sup> and R<sup>7</sup> are independently of one another hydrogen, phenyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, or

together with the nitrogen atom to which they are bonded form a 5- to 6-membered heterocyclyl,

$R^2$  is hydrogen,  $C_1$ - $C_4$ -alkyl, trifluoromethyl,  $C_1$ - $C_4$ -alkoxy,

or

$R^1$  and  $R^2$  together with the carbon atom to which they are bonded form  $C_5$ - $C_6$ -cycloalkyl,  $C_5$ - $C_6$ -cycloalkenyl or 5- to 6-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy, hydroxy, oxo,  $-C(=O)OR^8$ , and

$R^8$  is  $C_1$ - $C_4$ -alkyl or benzyl,

$R^3$  is hydrogen,

$R^4$  is pentan-3-yl or  $C_5$ - $C_6$ -cycloalkyl,

X is oxygen or sulfur,

and the salts, solvates and/or solvates of the salts thereof.

**4. (Currently amended)** A compound as claimed in claim 1, where

$R^1$  is methyl, ethyl, isopropyl, trifluoromethyl, methoxycarbonyl, ethoxycarbonyl or  $-C(=O)NR^6R^7$ , where methyl is optionally substituted by methoxycarbonyl or ethoxycarbonyl, and

$R^6$  is phenyl and

$R^7$  is hydrogen,

$R^2$  is hydrogen, methyl, trifluoromethyl, or

$R^1$  and  $R^2$  together with the carbon atom to which they are bonded form cyclopentyl, cyclohexyl, cyclopentenyl or tetrahydrofuryl, where cyclohexyl is optionally substituted by methyl, and

$R^3$  is hydrogen,

$R^4$  is pentan-3-yl or  $C_5$ - $C_6$ -cycloalkyl,

X is oxygen or sulfur,

and the salts, solvates and/or solvates of the salts thereof.

**5. (Currently amended)** A compound as claimed in claim 1, where

$R^1$  is methyl, ethyl, isopropyl, methoxycarbonyl, ethoxycarbonyl or  $-C(=O)NR^6R^7$ , where methyl is optionally substituted by methoxycarbonyl or ethoxycarbonyl, and

$R^6$  is phenyl and

$R^7$  is hydrogen,

$R^2$  is hydrogen, methyl, or

R<sup>1</sup> and R<sup>2</sup> together with the carbon atom to which they are bonded form cyclopentyl, cyclohexyl, cyclopentenyl or tetrahydrofuryl, where cyclohexyl is optionally substituted by methyl, and

R<sup>3</sup> is hydrogen,

R<sup>4</sup> is pentan-3-yl or C<sub>5</sub>-C<sub>6</sub>-cycloalkyl,

X is oxygen,

and the salts, ~~solvates and/or solvates of the~~ salts thereof.

6. (Cancelled).

7. (Cancelled).

8. (Currently Amended) A pharmaceutical composition comprising at least one of the compounds as claimed in any of claims 1 to 5 and at least one pharmaceutically acceptable, essentially nontoxic carrier or ~~excipients~~ excipient.

9. (Cancelled).

10. (Cancelled).

11. (Cancelled).

**12. (Cancelled).**

**13. (Cancelled).**

**14. (Cancelled).**